

said controller ~~reads causes~~ said parameter interface to read out a first time spatial parameter required at the ~~a~~ time of image capturing from various said plurality of time spatial parameters recorded in a recording medium loaded in said imaging device stored in said removable storage medium.

Claim 6 (Previously Presented). The imaging device according to claim 5, wherein said controller controls recording of a parallax image string of captured images and the first time spatial parameter corresponding thereto on said recording medium.

Claim 7 (Previously Presented). The imaging device according to claim 6, wherein said parallax image string and said first time spatial parameter corresponding thereto recorded on said recording medium by said controller are supplied to a holographic stereogram producing device for producing a holographic stereogram so as to be used as a second time spatial parameter required at a time of producing said holographic stereogram.

Claim 8 (Original). The imaging device according to claim 1 wherein said time spatial parameter comprises pieces of information indicating imaging conditions.

Claim 9 (Previously Presented). The imaging device

according to claim 8 wherein said time spatial parameter comprises an imaging time, an imaging angle, an imaging distance indicative of a positional relation between an image capturing point and the object, and one of a translation motion distance and an imaging pitch.

Claim 10 (Original). The imaging device according to claim 1 wherein said parallax image string comprises one of motion picture image data and a plurality of 2-dimensional still picture image data:

Claim 11 (Currently Amended). A method of imaging an object using an imaging device for forming a parallax image string including a plurality of image data containing parallax information, comprising the steps of:

~~capturing images of said object while moving a viewing point of said image capturing device in a direction of translation motion based on a~~

receiving a time spatial parameter indicative of one of time and spatial information for use in said image capturing and said forming of said parallax image string; and

enabling said capture of said images of said object while moving a viewing point of said imaging device based on said time spatial parameter indicative of one of time and spatial information, said time spatial parameter being read from outside

~~as required at a time of image capturing; and~~  
~~forming said parallax image string.~~

Claims 12- 20 (Canceled).

Claim 21 (Currently Amended). An image producing device for producing a parallax image string including a plurality of computer graphics data containing parallax information, comprising:

a parameter interface for receiving a time spatial parameter indicative of one of time and spatial information for use in capturing images of an object and said producing of said parallax image string; and

a controller for enabling said capture of said images of an said object while moving a viewing point of a virtual imaging said image producing device based on a said time spatial parameter indicative of one of pieces of time and spatial information, said time spatial parameter being read from external and supplied at a time of forming an image and producing said parallax image string thereof.

Claim 22 (Currently Amended). The image producing device according to claim 21, ~~comprising a storage device for storing various time spatial parameters, interconnected therewith via a network, wherein said parameter interface is connected via a network to a storage device storing a plurality of time spatial parameters, and said controller reads causes said parameter interface to read out a first time spatial parameter required at a time of imaging from said plurality of time spatial parameters stored in said storage device, said first time spatial parameter being required at a time of producing an image.~~

Claim 23 (Original). The image producing device according to claim 22, wherein said controller supplies the parallax image string formed and the first time spatial parameter corresponding thereto to said storage device to be stored therein.

Claim 24 (Original). The image producing device according to claim 23, wherein said parallax image string and said first time spatial parameter corresponding thereto, having been supplied and stored in said storage device under control of said controller, are supplied to a holographic stereogram producing device for producing a holographic stereogram in which said first time spatial parameter supplied is used as a second time spatial parameter required at the time of producing said holographic stereogram.

Claim 25 (Currently Amended). The image producing device according to claim 21, wherein further comprising a recording/reproducing device for a removable storage medium, wherein said parameter interface is coupled to said recording/reproducing device, and said controller reads causes said parameter interface to read out a first time spatial parameter required at a time of producing the image from said plurality of time spatial parameters stored in a recording medium loaded in said image producing device said removable storage medium.

Claim 26 (Original). The image producing device according to claim 25, wherein said controller records the parallax image string produced therein and the first time spatial parameter corresponding thereto on said recording medium in association there between.

Claim 27 (Previously Presented). The image producing device according to claim 26 wherein said parallax image string and said time spatial parameter corresponding thereto recorded on said recording medium are supplied under control of said controller to a holographic stereogram producing device for producing a holographic stereogram in which said first time

spatial parameter is used as a second time spatial parameter required at a time of producing said holographic stereogram.

Claim 28 (Previously Presented). The image producing device according to claim 21, wherein said time spatial parameter comprises pieces of information indicating imaging conditions of said virtual imaging device.

Claim 29 (Previously Presented). The image producing device according to claim 28, wherein said time spatial parameter comprises an imaging timing of said virtual imaging device, an image angle, an imaging distance indicative of a positional relation between an image capture point thereof and said object, and one of a translation motion distance and an imaging pitch thereof.

Claim 30 (Previously Presented). The image producing device according to claim 21, wherein said parallax image string comprises one of motion picture image data and a plurality of 2-dimensional still picture image data.

Claim 31 (Currently Amended). A method of imaging using an image producing device for forming a parallax image string including a plurality of computer graphics data containing parallax information, comprising the steps of:

~~capturing images of an object while moving a viewing point of a virtual imaging device on the basis of a time spatial parameter indicating one of time and spatial information,~~

receiving a time spatial parameter indicative of one of time and spatial information for use in capturing images of an object and said producing of said parallax image string; and

enabling said capturing of said images of said object while moving a view point of said image producing device based on said time spatial parameter being supplied from outside and required at a time of forming an image; and

~~forming said parallax image string.~~

Claims 32-40 (Canceled).

Claim 41 (Currently Amended). An image producing device for producing another parallax image string by executing a synthesizing process on a parallax image string including a plurality of image data each containing parallax information, comprising:

a parameter interface for receiving a time spatial parameter indicative of one of time and spatial information for use in an image capturing and said forming of said other parallax image string; and

a controller for enabling a plurality of different parallax image strings having an identical time spatial parameter

indicating one of time and spatial information there between to be addressed as an object of synthetic operation, and outputting said another parallax image string produced by said synthesizing processing ~~in association with~~ based on said time spatial parameter.

Claim 42 (Currently Amended). A method of producing a second parallax image string by executing a synthesizing process on a first parallax image string including a plurality of image data each containing parallax information, comprising the steps of:

receiving a time spatial parameter indicative of one of time and spatial information for use in an image capturing and, said forming of said second parallax image string;

processing a plurality of different parallax image strings having an identical time spatial parameter indicative of one of time and spatial information there between as an object of synthetic operation ;and

outputting said ~~another~~ second parallax image string produced by said processing ~~in association with~~ based on said time spatial parameter.